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Order from OTS or SLA \$1.10

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Trans. of [Steklo i Keramika] (USSR) 1947, v. 4, no. 7,
p. 9-11.

DESCRIPTORS: *Heat transfer, *Glass, Equations of
state, *Permeability, Thermodynamics, Calorimeters,
Furnaces, Fluid flow, Temperature, Distribution.

In experiments it was possible to approach the practical conditions of heat transmission of glass mass from gas flames and brick and at the same time create the conditions which prevent the occurrence of convectional flows of glass mass, and, consequently, to eliminate the influence of this factor on the transfer of heat. The value of the coefficient of heat conductivity (Materials--Ceramics, TT, v. 8, no. 7) (over)

62-16152

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C222995

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PARABOLIC ANTENNA CALCULATIONS. 27 Mar 62
[200p. 5 refs. USASIA Trans. Log. no. 1298 RR.
Order from OTS or SLA \$14.50 62-2379]

Trans. of mono. [Raschet Parabolicheskikh Antenn]
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DESCRIPTORS: *Parabolic antennas, Antennas,
*Antenna radiation patterns, Mathematical analysts,
Computers, *Reflectors, Design, Electric fields,
Magnetic fields.

The text discusses a procedure and results of calculation of radiation patterns of widely used parabolic antennas with beam scanning by displacement of the radiator from the focus. The distinctive feature of the methods described in the text is the use of an electronic computer (BESM), permitting complex and sufficiently precise calculations. The use of such (Engineering-Electronic, TT, v. 8, no. 8) (over)

62-2379

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- III. USASIA Trans-1298 RR
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FTD-TT-62-497

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The Thermochemical Conversion of Ferrous Sulfate.
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Preparation of Crystallized Alumina and Some By-
Products of the Fusion Process, by W. H. Gintl,
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(NY-5073)

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JPRS 7007

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ANCE TO AN AUTOMOBILE MOTION. Comment on
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Order from RIS \$2.50 RIS E-743

Trans. of [Avtomobil'naya Promyshlennost'] (USSR)
1959, no. 12, p. 29 (original article pub. in [Avtomob-
il'naya Promyshlennost'] (USSR) 1958, no. 3
[p. 22-27]).

DESCRIPTORS: *Vehicles, Motion, Resistance,
Determination.

(Machinery--Transport, TT, v. 6, no. 2)

61-22511

I. Glitsburg, B. Ya.
II. Krestovnikov, G. A.
III. Title: Determination...
IV. RIS E-743
V. Research Information
Service, New York

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Effectiveness of Combination Vaccination Against
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VOL 1/1, N 1960, PP 140-145.

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(DC-4700)

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FTD-TT-62-1380

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Shock Wave Radio Emission Near the Earth and in
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